



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/780,025  
Filing Date: February 17, 2004  
Applicant: GU, Wenbin  
Group Art Unit: 1745  
Examiner: AUSTIN, Melissa J.  
Title: CAPILLARY LAYER ON FLOWFIELD FOR WATER  
MANAGEMENT IN PEM FUEL CELL  
Attorney Docket: 8540G-000187 (GP-303100)

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. 1.111(a)**

Sir:

In response to the Office Action mailed May 16, 2005, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 6 of this paper.

**Remarks** begin on page 18 of this paper.